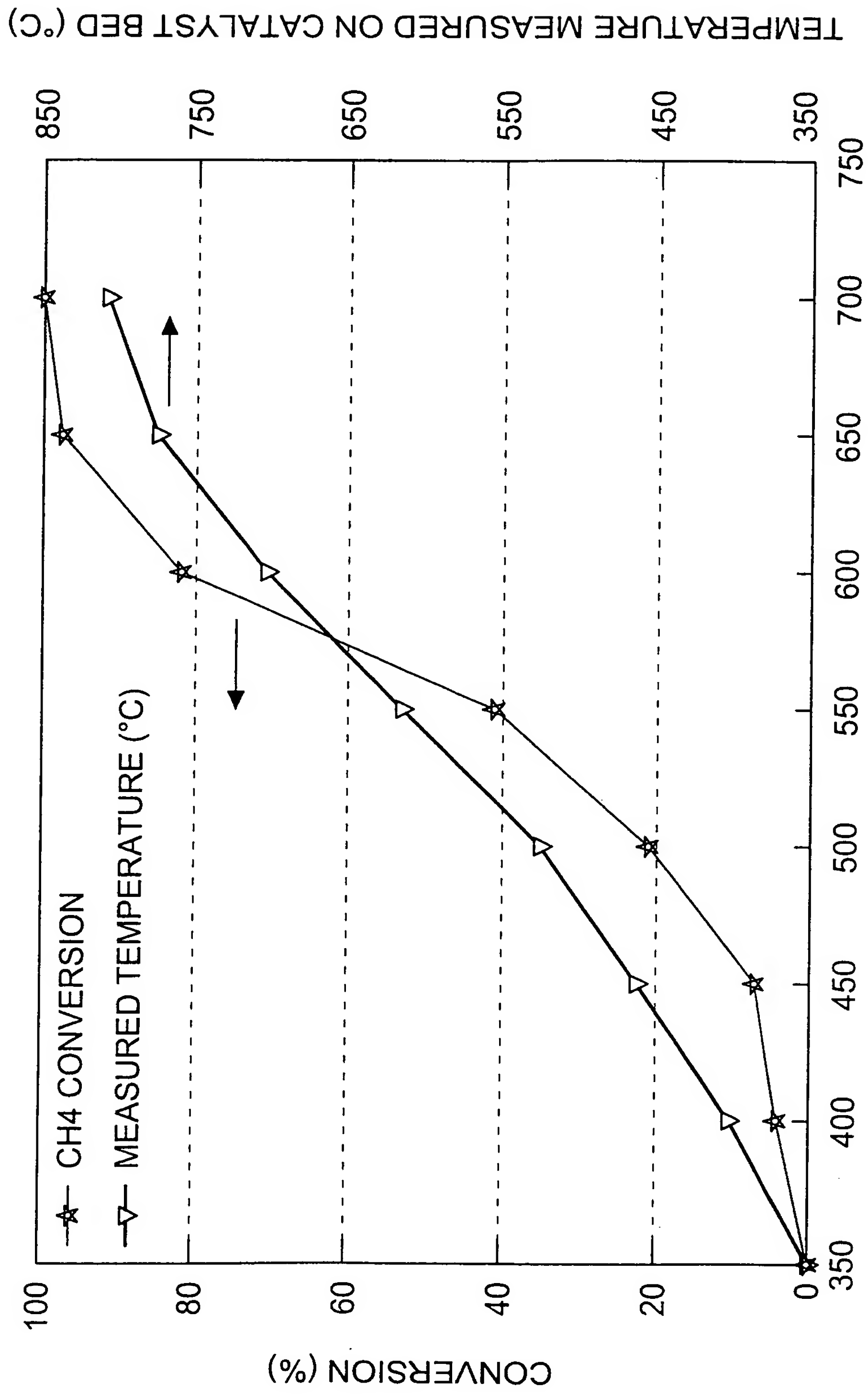


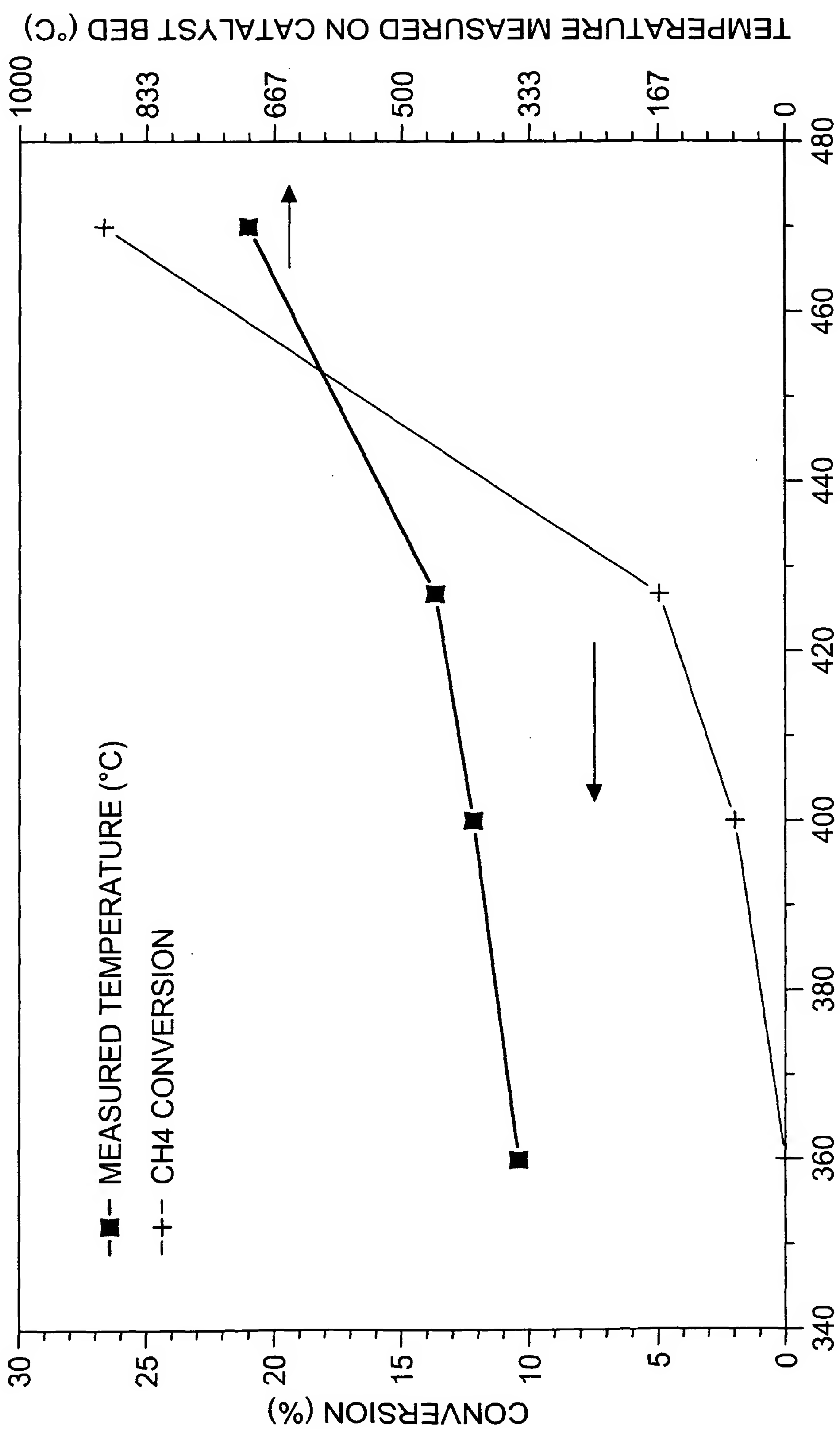
SET TEMPERATURE OF GAS (°C)
TESTS CONDUCTED WITH 0,5 g OF CATALYST BY FEEDING WITH
700 ml/min AIR AND 15 ml/min METHANE

Fig 1



SET TEMPERATURE OF GAS (°C)
TESTS CONDUCTED WITH 0,5 g OF CATALYST BY FEEDING WITH
700 ml/min AIR AND 15 ml/min METHANE

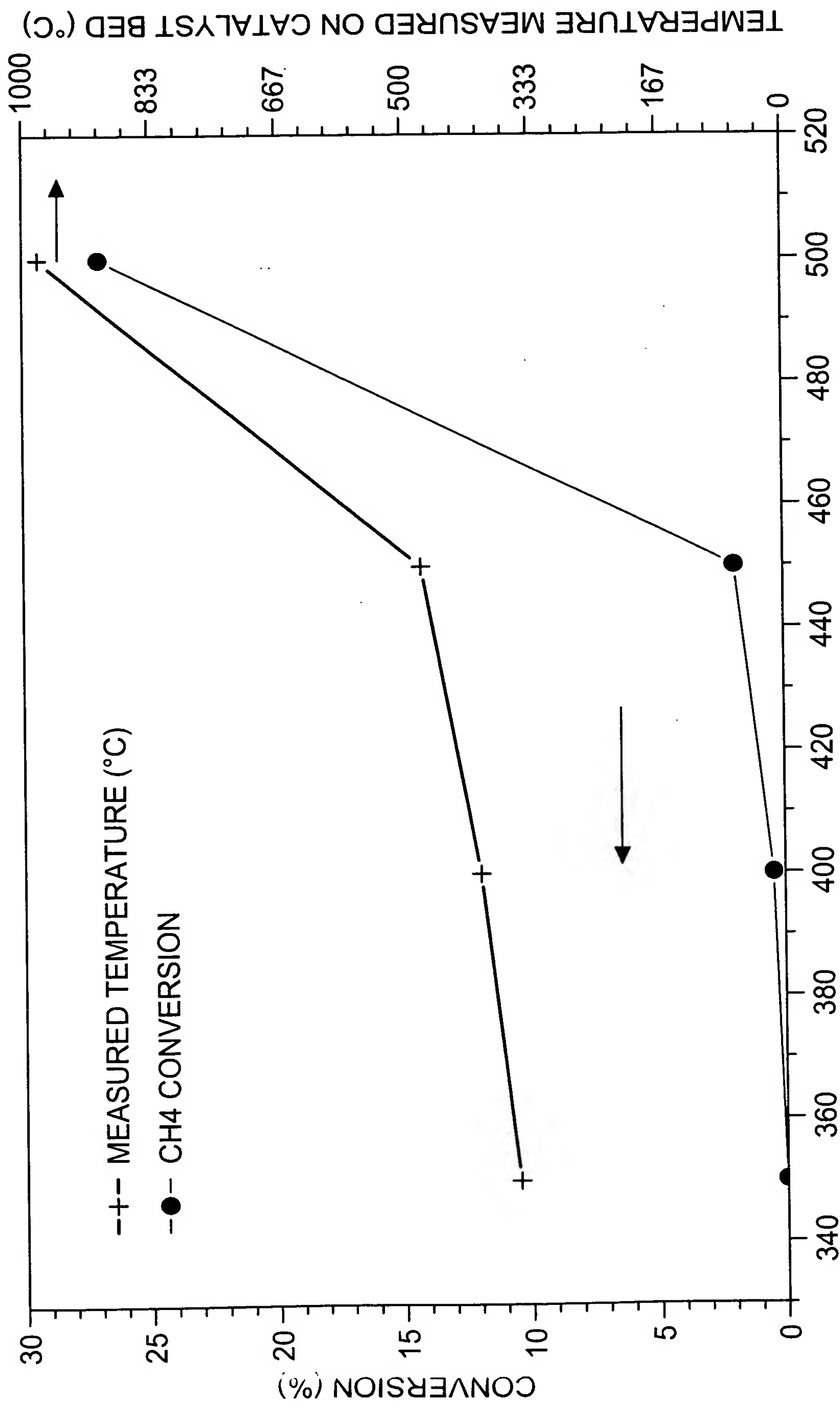
Fig. 2



SET TEMPERATURE OF GAS (°C)

TESTS CONDUCTED WITH 0,2 g OF CATALYST BY FEEDING WITH
60 ml/min METHANE, 30 ml/min OXYGEN, AND 600 ml/min NITROGEN

Fig. 3



SET TEMPERATURE OF GAS (°C)

TESTS CONDUCTED WITH 0.5 g OF CATALYST BY FEEDING WITH
200 ml/min METHANE, 100 ml/min OXYGEN, AND 400 ml/min NITROGEN

Fig. 4

12% CATALYST ON POROUS ALUMINA

AMOUNT OF CATALYST: 0,5 g

STREAMS ($\text{CO-O}_2\text{-N}_2 = 1\text{-}5\text{-}94$) = 420 ml/min

GHSV = 50000 h^{-1}

CONVERSION (%)

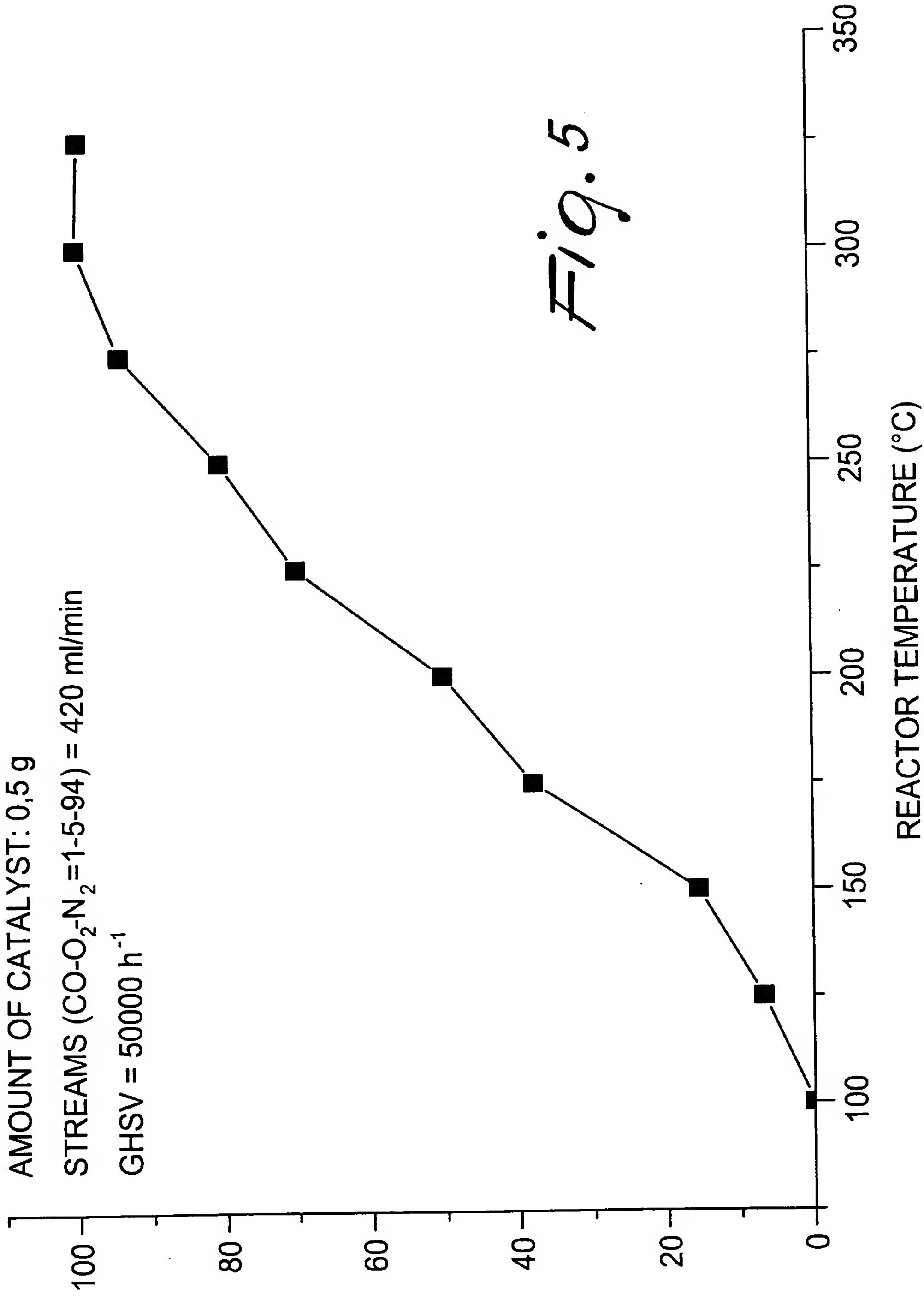


Fig. 5

11% CATALYST ON POROUS ALUMINA

AMOUNT OF CATALYST: 0,5 g

STREAMS (CO-O₂-N₂=1-5-94) = 420 ml/min

GHSV = 50000 h⁻¹

CONVERSION (%)

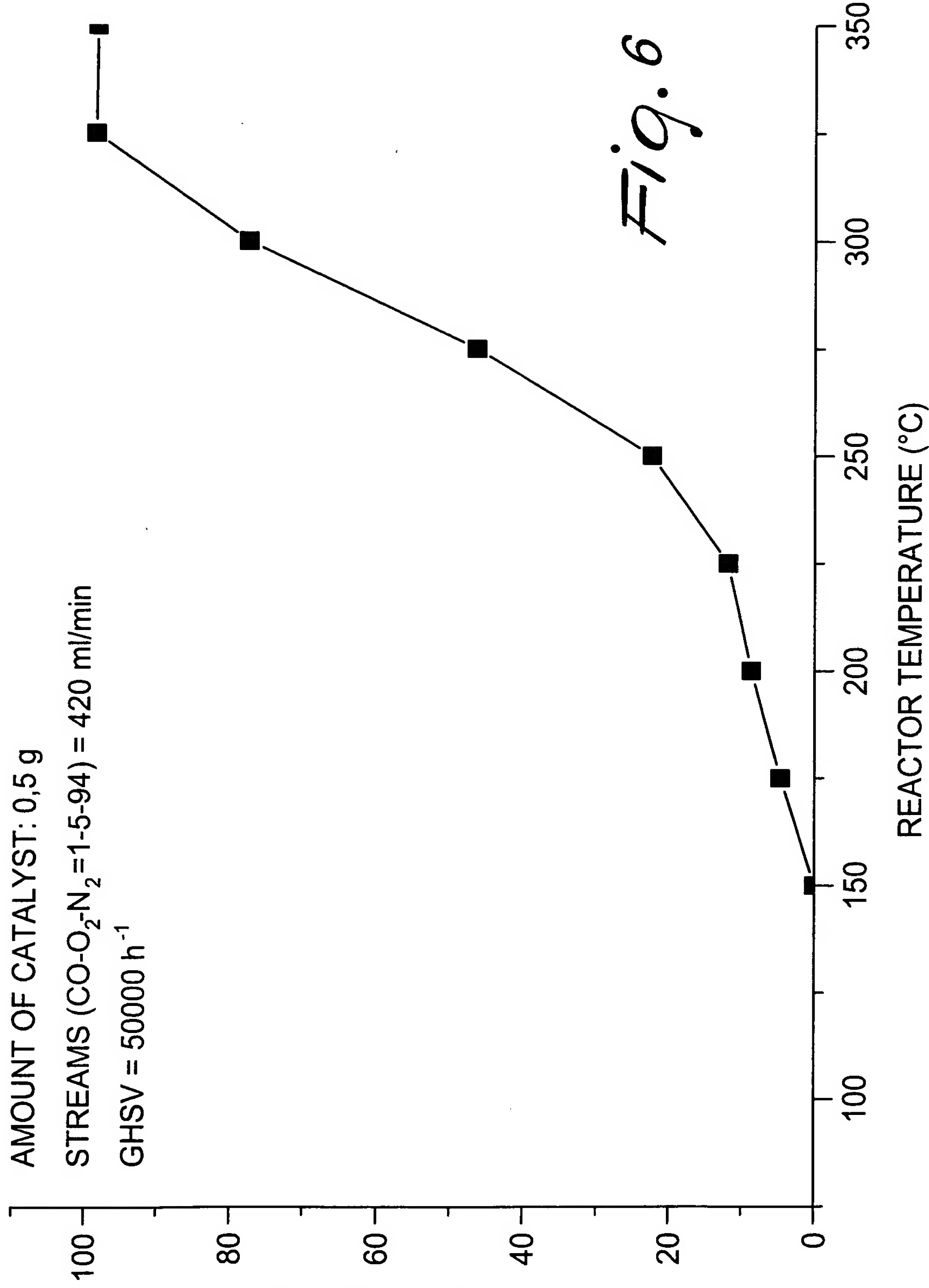


Fig. 6